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## ABSTRACT OF THE DISCLOSURE

Systems and methods for recording a signal received by a home entertainment system that includes multiple consumer electronics devices interconnected to a central electronics device in a hub and spoke configuration. The configuration allows all signals in the home entertainment system to be accessible by the central electronics device. Accordingly, the central electronics device can process, route, or otherwise respond to any signal. By way of example, any signal can be routed to a recording system, where it can be recorded. The signal is coupled with information from an electronic programming guide that details specific programming. An automatic determination is made as to whether or not there exists enough free space on a recording medium to record a specific program. Upon recording the program on the recording medium, an index is updated on the recording medium from the electronic programming guide information and from the location of the program on the recording medium. By selecting the program from the index, the recorded program can be automatically located on the recording medium.

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